

INTERNATIONAL SEARCH REPORT

Inte onal Application No
PCT/BR2004/000039

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 F04B39/00 B29C45/14 F01N7/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 F04B B29C F01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EP0-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 902 184 A (CLAM S P A) 17 March 1999 (1999-03-17) paragraph '0001! - paragraph '0018! -----	1-7
A	US 5 341 654 A (BUKAC HUBERT ET AL) 30 August 1994 (1994-08-30) column 1, line 13 -column 2, line 7 -----	1
A	US 4 960 368 A (LILIE DIETMAR E B) 2 October 1990 (1990-10-02) column 1, line 5 -column 2, line 19 -----	1

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

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- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

5 July 2004

Date of mailing of the international search report

13/07/2004

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Information on patent family members

Inter	Application No
PCT/BR2004/000039	

Patent document cited in search report	Publication date		Patent family member(s)		Publication date
EP 0902184	A 17-03-1999	IT EP	MI972073 A1 0902184 A2		11-03-1999 17-03-1999
US 5341654	A 30-08-1994	CN KR	1099846 A ,B 252593 B1		08-03-1995 01-05-2000
US 4960368	A 02-10-1990	BR	8804016 A		20-03-1990